


October 18, 1999

**MEMORANDUM**

TO: File

FROM: Derrick W. Lewis, P.E.   
Program Development Branch - Feasibility Studies Unit

SUBJECT: FS-9905D, Alston Avenue Extension/I-540 interchange

On Tuesday morning October 12, 1999, I was informed that Roadway Design was working on preliminary plans on a proposed Alston Avenue Extension interchange with I-540. The interchange design included collector distributors on I-540. In addition, Alston Avenue went under the Northern Wake Expressway. It should also be noted that Roadway Design has significantly revised the I-540 grade and the concepts for the feasibility study have been voided.

Since Roadway design is currently working on the feasibility of a new interchange including preliminary plans and estimates for the new concept, the Feasibility Studies Unit will cease work on this study. However, I have volunteered to perform the capacity analysis for the new Alston Avenue Extension interchange concept.

Note: Capacity analysis indicates very acceptable LOS for all movements. I am of the opinion that a single lane collector would be sufficient for the projected traffic volumes. I will email Tony Houser in Roadway and inform him of this situation.

DWL:dl